

AMENDMENT

U.S. Appln. No. 09/622,439

REMARKS

Claims 1-8 are all the claims pending in the application. After entry of the Amendment, claims 1-30 will be pending.

The amendments made to Claim 3, 4, and 5 are merely to modify the language of the claims to better conform to U.S. patent practice.

Support for new Claims 9, 11, 19, 20, and 22 may be found in the filed sequence listing as SEQ ID NO:4.

Support for new Claims 10 and 21 may be found in Example 2 on page 44, beginning at line 6 of the present specification. Applicants respectfully submit that this example relates to the Northern analysis which is an analysis of mRNA.

Support for new Claims 12, 23 may be found in original Claim 4 and on page 46, lines 22-25 of the present specification.

Support for new Claims 13-16 and 24-27 may be found in original Claims 5 and 6 and on page 47, lines 10-18 and page 27, line 8 to page 28, line 20 of the present specification.

Support for new Claims 17-18 and 28-29 may be found in the vector cloned in Example 1 (on page 40 of the present specification) in the double-stranded molecule with the polynucleotide of SEQ ID NO:3.

Finally, support for new Claim 30 may be found in the sequence listing as SEQ ID NO:3.

Hence, Applicants respectfully submit that the claim amendments and the new claims are fully supported and no new matter has been introduced, hence entry of this amendment is respectfully requested.

AMENDMENT
U.S. Appln. No. 09/622,439



APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

3. An isolated polynucleotide A-gene which has a nucleotide sequence encoding a
coding for the G protein-coupled receptor protein comprising amino acids 1 to 370 of SEQ ID
NO: 4 described in claim 1.
4. An expression A-vector comprising an isolated polynucleotide of which contains
the gene described in claim 3.
5. A host cell transformed or transfected with an expression ~~which contains the~~
~~vector of described in claim 4.~~

Claims 9-30 are added as new claims.